

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	663	(network adj (element\$5 component\$5)) with (hierarch\$9 tree (object adj oriented\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/16 13:06
L2	433	(network adj (element\$5 component\$5)) near8 (assign\$5 map mapping configur\$9) near9 (customer\$5 user\$5 subscriber\$5 client\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/16 13:07
L3	38	1 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/16 13:08
L4	19	1 and 2 and @ad<"20001229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/16 13:08
S1	540	(network adj (element\$5 component\$5)) with (customer\$5 user\$5 client\$5) with (associat\$6 assign\$6 mapping map\$2 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/16 13:06
S2	189	S1 and @ad<"20001229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 12:47
S3	16	(network adj (element\$5 component\$5)) with ((customer\$5 user\$5 client\$5) adj2 (identifier\$5 id identificat\$5)) with (associat\$6 assign\$6 mapping map\$2 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/16 11:32
S4	16	(network adj (element\$5 component\$5)) with ((customer\$5 user\$5 client\$5) adj2 (identifier\$5 id identificat\$5)) with (allocat\$5 associat\$6 assign\$6 mapping map\$2 )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 12:48

S5	2	S4 and @ad<"20001229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 12:56
S6	70	(network adj (element\$5 component\$5)) near9 (customer\$5 user\$5 client\$5 subscriber\$5 ) near9 (allocat\$5 mapping )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 12:56
S7	189	(network adj (element\$5 component\$5)) near9 (customer\$5 user\$5 client\$5 subscriber\$5 ) near9 (allocat\$5 assign\$5 mapping )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 12:56
S8	16	S6 and @ad<"20001229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 12:57
S9	51	S7 and @ad<"20001229"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 12:59

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	((("5774689") or ("6078926")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/16 11:16
L3	0	(bi-direction\$3 adj2 mapping adj network)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/16 11:23



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: ☒ The ACM Digital Library ☐ The Guide

+"object-oriented" + "network element" + "user"

11/3/94

THE ACM DIGITAL LIBRARY


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Published before December 2000

Terms used **object oriented network element user**

Found 55 of 110,996

Sort results by Display results  [Save results to a Binder](#) [Search Tips](#)☐ Open results in a new window[Try an Advanced Search](#)[Try this search in The ACM Guide](#)

Results 1 - 20 of 55

Result page: [1](#) [2](#) [3](#) [next](#)Relevance scale ☐ ☐ ☐ ☐ ☐1 [An object-oriented model for intelligent networks](#)

Qingzhong Cai

April 1992 **Proceedings of the 1992 ACM/SIGAPP Symposium on Applied computing: technological challenges of the 1990's**Full text available: [pdf\(572.88 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)2 [Simulation of heterogeneous networks](#)

Markus Rümekasten

December 1994 **Proceedings of the 26th conference on Winter simulation**Full text available: [pdf\(710.19 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)3 [SIGMOD challenges paper: database issues in telecommunications network management](#)

Ilsoo Ahn

May 1994 **ACM SIGMOD Record , Proceedings of the 1994 ACM SIGMOD international conference on Management of data**, Volume 23 Issue 2Full text available: [pdf\(822.72 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Various types of computer systems are used behind the scenes in many parts of the telecommunications network to ensure its efficient and trouble-free operation. These systems are large, complex, and expensive real-time computer systems that are mission critical, and contains a database engine as a critical component. These systems share some of common database issues with conventional applications, but they also exhibit rather unique characteristics that present challenging database issues. ...

4 [A connectionless approach to integrated network management](#)

Jairo A. Gutiérrez

July 1998 **International Journal of Network Management**, Volume 8 Issue 4Full text available: [pdf\(67.46 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

As computer networks become more complex and more heterogeneous & often involving systems from multiple vendors, the importance of integrated network management increases. This paper proposes a model to represent an integrated network management environment & INME; combining the emerging Web-based management standards with the proven & tried network management solutions promoted by the Internet Activities Board, and centred around the Simple

Network ...

**5** Service and network management in the OAMS open service architecture

Simon Znaty

July 1996 **ACM SIGCOMM Computer Communication Review**, Volume 26 Issue 3Full text available:  [pdf\(1.35 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

New open service architectures are now emerging to ease service construction, management, testing, deployment, and operation, and to hide from the service designer the heterogeneity of the underlying technologies and the complexities introduced by distribution. These architectures should provide all the functionalities for call and connection management, and support management functional areas. To reach these objectives, information models must be defined which provide service and network repres ...

**6** TED models for ATM internetworks

Kalyan Perumalla, Matthew Andrews, Sandeep Bhatt

March 1998 **ACM SIGMETRICS Performance Evaluation Review**, Volume 25 Issue 4Full text available:  [pdf\(768.18 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

We describe our experiences designing and implementing a virtual PNNI network testbed. The network elements and signaling protocols modeled are consistent with the ATM Forum PNNI draft specifications. The models will serve as a high-fidelity testbed of the transport and network layers for simulation-based studies of the scalability and performance of PNNI protocols. Our models are written in the new network description language TeD which offers two advantages. First, the testbed d ...

**7** Simulation of advanced manufacturing systems

Gerald W. Evans, William E. Biles, Michael W. Golway

December 1994 **Proceedings of the 26th conference on Winter simulation**Full text available:  [pdf\(838.39 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**8** Architectural framework modeling in telecommunication domain


Giulio Fregonese, Alessandro Zorer, Giovanni Cortese

May 1999 **Proceedings of the 21st international conference on Software engineering**Full text available:  [pdf\(1.12 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** architectural patterns, design patterns, distributed systems, domain analysis, network and service management, network traffic data analysis, object-oriented framework, software architecture, software reuse

**9** The personal presence system—a wide area network resource for the real time composition of multipoint multimedia communications

D. Boyer, M. Lukacs

October 1994 **Proceedings of the second ACM international conference on Multimedia**Full text available:  [pdf\(927.58 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The Personal Presence System (PPS) is an experimental prototype platform to support advanced Broadband applications including multimedia conferencing and distance learning. The PPS supports user presentation control of advanced network elements (multimedia bridges). The multimedia bridges are shared network resources which are designed for deployment in proximity to other switching and transcoding resources. The multimedia bridge provides for a single point of contact for each user so that ...

**10** A virtual PNNI network testbed

Kalyan Perumalla, Matthew Andrews, Sandeep Bhatt

December 1997 **Proceedings of the 29th conference on Winter simulation**Full text available:  [pdf\(863.49 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**11** Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**Full text available:  [pdf\(4.21 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

**12** Report of the International Workshop on Distributed Systems: operations & managementApril 1992 **ACM SIGCOMM Computer Communication Review**, Volume 22 Issue 2Full text available:  [pdf\(899.31 KB\)](#) Additional Information: [full citation](#), [index terms](#)**13** Introducing client/server technologies in information systems curricula

Abhijit Chaudhury, H. Raghav Rao

September 1997 **ACM SIGMIS Database**, Volume 28 Issue 4Full text available:  [pdf\(1.02 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

One goal of information systems (IS) departments in business schools is to train IS professionals with the necessary technical skills to support the IS function in companies. This paper suggests that changes are needed for most current IS curricula to meet the technical requirements of the client/server (C/S) world of technologies. It is hoped that the ideas presented here will stimulate debate and discussions as to how this transition can be accomplished.


**Keywords:** client/server system, information systems education

**14** Interoperability issues in large-scale distributed object systems

Frank Manola


June 1995 **ACM Computing Surveys (CSUR)**, Volume 27 Issue 2Full text available:  [pdf\(237.86 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)**15** Experimental classification facilities for Smalltalk

Philip M. Yelland

October 1992 **ACM SIGPLAN Notices , conference proceedings on Object-oriented programming systems, languages, and applications**, Volume 27 Issue 10Full text available:  [pdf\(1.42 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**16** Performance evaluation of software architectures

Lloyd G. Williams, Connie U. Smith

October 1998 **Proceedings of the first international workshop on Software and performance**

Full text available:  [pdf\(2.42 MB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

17 [Spatial data integrity constraints in object oriented geographic data modeling](#)

Karla A. V. Borges, Alberto H. F. Laender, Clodoveu A. Davis

November 1999 **Proceedings of the 7th ACM international symposium on Advances in geographic information systems**


Full text available:  [pdf\(80.31 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** conceptual modeling, geographic data modeling

18 [Bibliography of recent publication in computer networking](#)

July 1989 **ACM SIGCOMM Computer Communication Review**, Volume 19 Issue 3

Full text available:  [pdf\(2.53 MB\)](#)

Additional Information: [full citation](#), [index terms](#)

19 [Network management viewpoints: a new way of encompassing the network management complexity](#)

Simon Znaty, Jean Sclavos

July 1994 **ACM SIGCOMM Computer Communication Review**, Volume 24 Issue 3

Full text available:  [pdf\(1.58 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper defines viewpoints in order to deal with the network management complexity. A network management viewpoint leads to the representation of a network management system with emphasis on a specific concern. Five viewpoints are identified, namely information, functional, communication, architectural and organizational. The network management standards provisions and lacks for every viewpoint are enhanced and some elements of solutions are presented. Then, these viewpoints are integrated an ...

20 [The benefits of CORBA-based network management](#)

Paul Haggerty, Krishnan Seetharaman

October 1998 **Communications of the ACM**, Volume 41 Issue 10

Full text available:  [pdf\(172.08 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Results 1 - 20 of 55

Result page: [1](#) [2](#) [3](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright ?2005 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)Search: ☒ The ACM Digital Library ☐ The Guide

+"object-oriented" + "network element" + "user" + "assign"



THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Published before December 2000

Terms used **object oriented network element user assign**

Found 20 of 110,996

Sort results by Display results  [Save results to a Binder](#) [Search Tips](#)☐ Open results in a new window[Try an Advanced Search](#)[Try this search in The ACM Guide](#)

Results 1 - 20 of 20

Relevance scale ☐ ☐ ☐ ☐ ☐**1** [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**Full text available: [pdf\(4.21 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

**2** [TED models for ATM internetworks](#)

Kalyan Perumalla, Matthew Andrews, Sandeep Bhatt

March 1998 **ACM SIGMETRICS Performance Evaluation Review**, Volume 25 Issue 4Full text available: [pdf\(768.18 KB\)](#)Additional Information: [full citation](#), [abstract](#), [index terms](#)

We describe our experiences designing and implementing a virtual PNNI network testbed. The network elements and signaling protocols modeled are consistent with the ATM Forum PNNI draft specifications. The models will serve as a high-fidelity testbed of the transport and network layers for simulation-based studies of the scalability and performance of PNNI protocols. Our models are written in the new network description language TeD which offers two advantages. First, the testbed d ...

**3** [A virtual PNNI network testbed](#)

Kalyan Perumalla, Matthew Andrews, Sandeep Bhatt

December 1997 **Proceedings of the 29th conference on Winter simulation**Full text available: [pdf\(863.49 KB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)**4** [Simulation of advanced manufacturing systems](#)


Gerald W. Evans, William E. Biles, Michael W. Golway

December 1994 **Proceedings of the 26th conference on Winter simulation**Full text available: [pdf\(838.39 KB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**5**[Performance evaluation of software architectures](#)



Lloyd G. Williams, Connie U. Smith

October 1998 **Proceedings of the first international workshop on Software and performance**

Full text available:  pdf(2.42 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

6 Advanced drawing tools aid network planning

Nathan J. Muller

November 1997 **International Journal of Network Management**, Volume 7 Issue 6

Full text available:  pdf(849.87 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Network administrators can facilitate managing large, complex networks by using diagramming solutions. This article describes and discusses a variety of tools that are available to aid the design process. © 1997 John Wiley & Sons, Ltd.

7 Ecxpert: exploiting event correlation in telecommunications

Yossi Nygate

September 1994 **ACM SIGAPP Applied Computing Review**, Volume 2 Issue 2

Full text available:  pdf(800.69 KB)


Additional Information: [full citation](#), [abstract](#), [index terms](#)

Today's competitive market place has forced the telecommunications industry to improve their service and reliability. One step that telecommunications companies have taken to reduce network failures is the installation of operations centers to collect data from network elements. These centers are staffed by network managers who monitor network activity by correlating alarms across various operational disciplines (switch, facility, traffic) and relating them to a common cause. Accurate analysis i ...

**Keywords:** C++, integrated network management techniques, meta-programming, prolog

8 Bibliography of recent publication in computer networking

July 1989 **ACM SIGCOMM Computer Communication Review**, Volume 19 Issue 3

Full text available:  pdf(2.53 MB)

Additional Information: [full citation](#), [index terms](#)

9 Problem-oriented object memory: customizing consistency

Anders Kristensen, Colin Low

October 1995 **ACM SIGPLAN Notices , Proceedings of the tenth annual conference on Object-oriented programming systems, languages, and applications**, Volume 30 Issue 10

Full text available:  pdf(1.58 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents the notion of problem-oriented object memory, and its realization in a distributed object-based programming system, *Penumbra*. This system allows location transparent object invocation, object migration and caching. Its distinguishing feature, however, is its support for problem-oriented object sharing. Problem-oriented object memory is an object model that allows exploitation of application specific semantics by relaxing strict consistency in favour of performance. Our w ...

10 Simulation modeling and analysis with INSIGHT (tutorial session): a tutorial

Stephen D. Roberts, Mary Ann Flanagan

December 1990 **Proceedings of the 22nd conference on Winter simulation**

Full text available:  pdf(957.21 KB)

Additional Information: [full citation](#), [references](#), [index terms](#)

11 Introducing client/server technologies in information systems curricula

Abhijit Chaudhury, H. Raghav Rao  
September 1997 **ACM SIGMIS Database**, Volume 28 Issue 4

Full text available:  pdf(1.02 MB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

One goal of information systems (IS) departments in business schools is to train IS professionals with the necessary technical skills to support the IS function in companies. This paper suggests that changes are needed for most current IS curricula to meet the technical requirements of the client/server (C/S) world of technologies. It is hoped that the ideas presented here will stimulate debate and discussions as to how this transition can be accomplished.

**Keywords:** client/server system, information systems education

12 Management of virtual private networks for integrated broadband communication

J. M. Schneider, T. Preuß, P. S. Nielsen

October 1993 **ACM SIGCOMM Computer Communication Review , Conference proceedings on Communications architectures, protocols and applications**, Volume 23 Issue 4

Full text available:  pdf(1.29 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Management of Virtual Private Networks (VPNs) is becoming an increasingly important issue in the context of integrated broadband communication (IBC). In the near future corporate customers may want to subscribe to broadband VPN services offered by globally operating service providers to replace most of their leased line services that are used today to build their corporate networks. The concepts historically known as characterizing VPNs, such as the concept of closed user groups, will still be v ...

13 Annotated bibliography on network management

Simon Znaty, Jean Sclavos

January 1994 **ACM SIGCOMM Computer Communication Review**, Volume 24 Issue 1


Full text available:  pdf(1.64 MB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This annotated bibliography covers the various aspects of network management. It contains a list of papers being ordered according to the four network management models, namely, functional, architectural, informational and relational.

14 Simulation modeling and analysis with INSIGHT: a tutorial

Stephen D. Roberts, Mary Ann Flanagan

December 1988 **Proceedings of the 20th conference on Winter simulation**

Full text available:  pdf(1.26 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The INSIGHT simulation language describes systems in a quick, simple, and compact fashion using a network representation. This description can be entered and simulated using novel interactive facilities that free the user from learning specific syntax. Statistics summarizing the simulation are produced automatically, but can be greatly enhanced by various input models and output analysis mechanisms. Use of the language does not require programming and complex models use the descriptive feat ...

15 CircusTalk: an orchestration service for distributed multimedia

Yechezkal Shimon Gutfreund, Jose Diaz-Gonzalez, Russell Sasnett, Vincent Phuah

September 1993 **Proceedings of the first ACM international conference on Multimedia**

Full text available:  pdf(288.17 KB)  
 ps(216.46 KB) Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** compound documents, distributed software architectures, orchestration,

synchronization

16 Network management using expert diagnostics

Wayne Fuller

August 1999 **International Journal of Network Management**, Volume 9 Issue 4

Full text available:  [pdf\(1.45 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Networks have become a key component of the corporate infrastructure. Managing the networks, which often carry a diverse set of information & lpar; e.g. voice, data, video & rpar; over a diverse set of media & lpar; e.g. wire, cable, RF & rpar; with a mixture of owned and leased transmission assets that are often geographically distributed and run a diverse set of protocols, is a major challenge. One of the most promising techniques applies expert system approaches to the management of networks. Co ...

17 Model-based testing in practice

S. R. Dalal, A. Jain, N. Karunanithi, J. M. Leaton, C. M. Lott, G. C. Patton, B. M. Horowitz

May 1999 **Proceedings of the 21st international conference on Software engineering**

Full text available:  [pdf\(1.24 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** AETG software system, automatic test generation, model-based testing

18 Customer service evaluation in the telephone service provisioning process

Shinya Ozeki, Noriyuki Ikeuchi

December 1992 **Proceedings of the 24th conference on Winter simulation**

Full text available:  [pdf\(726.46 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

19 Testing and debugging: Using Hy<sup>±</sup> for network management and distributed debugging

Mariano P. Consens, Masum Z. Hasan, Alberto O. Mendelzon

October 1993 **Proceedings of the 1993 conference of the Centre for Advanced Studies on Collaborative research: software engineering - Volume 1**


Full text available:  [pdf\(1.68 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

A network manager managing a computer network or a programmer attempting to understand and debug a distributed program both must deal with large volumes of data. Visualization is widely believed to help in these and similar tasks. We contend that visualization is indeed useful, but only if accompanied of the following facilities: abstraction, filtering, and layout control. The Hy<sup>+</sup> visualization system and GraphLog query language provide these facilities. They support not ...

20 Decentralised approaches for network management

Mohsen Kahani, H. W. Peter Beadle

July 1997 **ACM SIGCOMM Computer Communication Review**, Volume 27 Issue 3

Full text available:  [pdf\(1.04 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Centralised network management has shown inadequacy for efficient management of large heterogenous networks. As a result, several distributed approaches have been adapted to overcome the problem. This paper is a review of decentralised network management techniques and technologies. We explain distributed architectures for network management, and discuss some of the most important implemented distributed network management systems. A comparison is made between these approaches to show the pitfal ...



Welcome United States Patent and Trademark Office

**Search Results**
[BROWSE](#)
[SEARCH](#)
[IEEE XPLORE GUIDE](#)
[SUPPORT](#)

Results for "( network element\*&lt;in&gt;metadata ) &lt;and&gt; ( user\*&lt;in&gt;metadata ) &lt;and&gt; ( assign..."

Your search matched 2 of 1157693 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

[e-mail](#) [printer friendly](#)
[» View Session History](#)
[» New Search](#)
**Modify Search**
**» Key**

IEEE JNL IEEE Journal or Magazine

IEEE JNL IEEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEEE CNF IEEE Conference Proceeding

IEEE STD IEEE Standard

☐ Check to search only within this results set

 Display Format: ☒ Citation ☐ Citation & Abstract

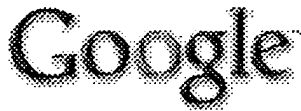
Select Article Information

- ☐ **1. Virtual data mining of an ATM network**  
 Burn-Thornton, K.E.; Robinson, P.;  
 Telecommunications, 1998. 6th IEEE Conference on (Conf. Publ. No. 451)  
 29 March-1 April 1998 Page(s):86 - 90  
[AbstractPlus](#) | Full Text: [PDF](#)(272 KB) IEEE CNF
- ☐ **2. The Tempest: a framework for safe, resource assured, programmable networks**  
 Rooney, S.; van der Merwe, J.E.; Crosby, S.A.; Leslie, I.M.;  
 Communications Magazine, IEEE  
 Volume 36, Issue 10, Oct. 1998 Page(s):42 - 53  
[AbstractPlus](#) | Full Text: [PDF](#)(1548 KB) IEEE JNL


[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE](#)

© Copyright 2005 IEEE -- All Rights Reserved

 indexed by  
**Inspection**


[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#) [more »](#)


[Advanced Search](#)  
[Preferences](#)

## Web

 Results 1 - 10 of about 432,000 for "[allocate](#) "[network element](#) "[customer](#) . (0.18 seconds)

### Networking Administration Solutions

... applications monitoring, a rich set of interfaces to **network elements**, ...  
 that lets **network managers** efficiently **allocate network** bandwidth based on ...  
[networking.ittoolbox.com/ nav/t.asp?t=394&p=394&h1=394](http://networking.ittoolbox.com/nav/t.asp?t=394&p=394&h1=394) - 41k - May 14, 2005 - [Cached](#) - [Similar pages](#)

### Cisco - Advanced QoS Services for the Intelligent Internet

... and monitoring with minimal impact on **network element** performance. ...  
 flexibly **allocate network** resources to meet **customer's** application requirements. ...  
[www.cisco.com/warp/public/ cc/pd/iosw/oft/loqo/tech/qos\\_wp.htm](http://www.cisco.com/warp/public/cc/pd/iosw/oft/loqo/tech/qos_wp.htm) - 38k - [Cached](#) - [Similar pages](#)

### CTI Magazine Inside Networking. By Tony Rybczynski

... That is, they need to **allocate network** resources to meet the needs of ...  
 Policy-Enabled **Network Elements**: A policy-enabled **network** consisting of ...  
[www.tmcnet.com/articles/ctimag/0199/0199inside.htm](http://www.tmcnet.com/articles/ctimag/0199/0199inside.htm) - 57k - [Cached](#) - [Similar pages](#)

### Automating the Optical Network

... unified provisioning system communicates with all the **network elements** in ...  
 And, based on the provider's business policies, it will **allocate network** ...  
[www.xchangemag.com/articles/1A2back.html](http://www.xchangemag.com/articles/1A2back.html) - 44k - [Cached](#) - [Similar pages](#)

### [PDF] casestudy

File Format: PDF/Adobe Acrobat - [View as HTML](#)  
 ... are used to connect the core **network elements** with each other ... view with  
**customer** and **network** data, and **allocate** fault resolu- ...  
[www.micromuse.com/downloads/pdf\\_lit/Digi\\_cs\\_082603.pdf](http://www.micromuse.com/downloads/pdf_lit/Digi_cs_082603.pdf) - [Similar pages](#)

### [PDF] CallExpert

File Format: PDF/Adobe Acrobat  
 ... balance traffic loads, and **allocate** their **network** resources in the most ...  
 CallExpert indicates whether **network elements** are generating CDRs. ...  
[www.tti-telecom.com/uploads/CallExpert\\_pdf.pdf](http://www.tti-telecom.com/uploads/CallExpert_pdf.pdf) - [Similar pages](#)

### ISP-Planet - Equipment - Mega Network Management

... the software tracks the performance of a **network**—both as a whole and at each  
**element**—so that when it needs to **allocate** resources for a new **customer**, ...  
[www.isp-planet.com/equipment/2001/cplane.html](http://www.isp-planet.com/equipment/2001/cplane.html) - 57k - [Cached](#) - [Similar pages](#)

### Decision Sciences: Modular network design: Using information and ...

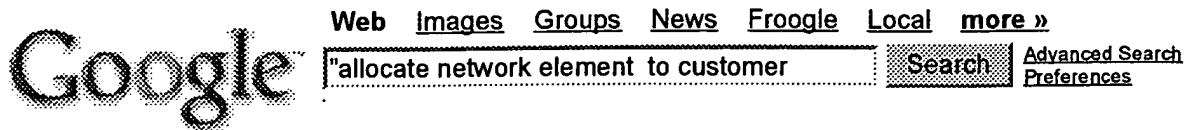
Full text of the article, 'Modular **network** design: Using information and  
 communication technology to **allocate** production tasks in a virtual organization' ...  
[www.findarticles.com/p/articles/ mi\\_qa3713/is\\_199910/ai\\_n8856639](http://www.findarticles.com/p/articles/mi_qa3713/is_199910/ai_n8856639) - 30k - [Cached](#) - [Similar pages](#)

### Telecommunications Online

... in the past we had multiple monitoring systems for each **network element**." ...  
 Beyond understanding **network** faults, MSOs need to **allocate** bandwidth ...  
[www.telecommagazine.com/default.asp?journalid=3& func=articles&page=0208t07&year=2002&month=8](http://www.telecommagazine.com/default.asp?journalid=3&func=articles&page=0208t07&year=2002&month=8) - 46k -  
[Cached](#) - [Similar pages](#)

### Convergent Billing Software - Alepo.com

... for connectivity to external or in house applications and **network elements**.  
 ... Two phase transaction (**allocate** and commit) for usage based services ...  
[www.alepo.com/convergent-billing.shtml](http://www.alepo.com/convergent-billing.shtml) - 21k - May 15, 2005 - [Cached](#) - [Similar pages](#)



## Web

Tip: Try removing quotes from your search to get more results.

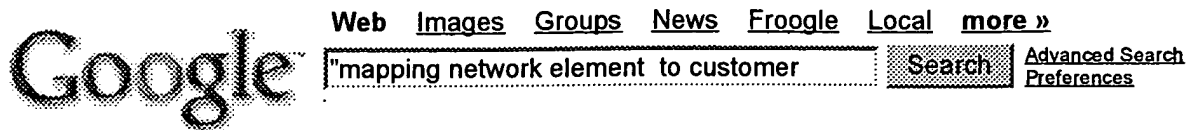
Your search - **"allocate network element to customer"** - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2005 Google



## Web

Tip: Try removing quotes from your search to get more results.

Your search - **"mapping network element to customer"** - did not match any documents.

### Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.

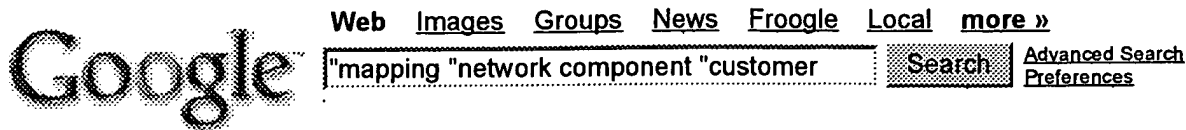
### Sponsored Links

#### Map Your Network Now

Create a map of your entire **network** automatically with this free trial.  
[www.neon.com](http://www.neon.com)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2005 Google

**Web**Results 1 - 10 of about **5,580,000** for "**mapping "network component "customer** . (0.21 seconds)Geobusiness

... There are three main **components** common to both:.. The client; The server ...  
geographic information eg base **mapping**, addresses or street **networks**, or ...

[www.esbic.ie/geobusiness/mobile\\_gis/Main\\_Components.htm](http://www.esbic.ie/geobusiness/mobile_gis/Main_Components.htm) - 19k - [Cached](#) - [Similar pages](#)

Geobusiness

... The main **Components** of an Enterprise Web GIS solution. The **Network** ... The **map**  
server processes client requests and generates results. ...

[www.esbic.ie/geobusiness/Enterprise\\_Web\\_GIS/components.htm](http://www.esbic.ie/geobusiness/Enterprise_Web_GIS/components.htm) - 31k - [Cached](#) - [Similar pages](#)

IBM - Component business modeling - mapping the way in insurance

... Insight – During this phase a **component map** is developed for the enterprise.

... Modeling a business as a **network of components** can lead to improvements ...

[www-1.ibm.com/industries/financialservices/doc/content/news/newsletter/1061216103.html](http://www-1.ibm.com/industries/financialservices/doc/content/news/newsletter/1061216103.html) - 35k - [Cached](#) - [Similar pages](#)

Turn EJB components into Web services

... developer the complexity of **mapping** between XML types and Java types and ...  
using Java classes or stateless EJB **components**, and a client-side model, ...

[www.javaworld.com/javaworld/jw-08-2004/jw-0802-ejbws.html](http://www.javaworld.com/javaworld/jw-08-2004/jw-0802-ejbws.html) - [Similar pages](#)

Demos - ILOG JViews Component Suite

... Digital **mapping** (thin client) Many applications require a **map** display in ...

NNM discovers **network** devices and provides a **map** to illustrate how the ...

[www.ilog.com/products/jviews/demos/index.cfm](http://www.ilog.com/products/jviews/demos/index.cfm) - 69k - May 14, 2005 - [Cached](#) - [Similar pages](#)

Business Components For Java (BC4J)--Feature Overview

... like object-relational **mapping**, validation, data access, **network** traffic ...

**Components** for Java, rather than coding business logic into each client, ...

[www.oracle.com/technology/products/jdev/htdocs/bc4j9irc\\_datasheet.html](http://www.oracle.com/technology/products/jdev/htdocs/bc4j9irc_datasheet.html) - 41k - May 14, 2005 - [Cached](#) - [Similar pages](#)

Tax Analysts: Technical Assistance: Installation Guide to Tax ...

... the installation of the **Network Component**, and then the Client **Component**.

Before installation, please note your **mapped network** and DVD drive letters. ...

[www.taxanalysts.com/www/techsupport.nsf/0/6E886F3DA8A944F085256E9B006FB3EA?OpenDocument](http://www.taxanalysts.com/www/techsupport.nsf/0/6E886F3DA8A944F085256E9B006FB3EA?OpenDocument) - 21k - [Cached](#) - [Similar pages](#)

Products - Mercury Tuning: How It Works

... using **mapping** libraries for **network** architecture and system **components**, ...

"Providing superior **customer** service and a convenient and enjoyable shopping ...

[www.mercury.com/us/products/performance-center/tuning/works.html](http://www.mercury.com/us/products/performance-center/tuning/works.html) - 20k - [Cached](#) - [Similar pages](#)

Spirent Communications - The Shortest Distance Between the Lab and ...

... **maps** that information to every affected element, service and **customer** ...

this **component** can automatically exchange information with your **customer** care ...

[www.spirentcom.com/assurance/index.cfm?WS=19&P=1](http://www.spirentcom.com/assurance/index.cfm?WS=19&P=1) - 59k - [Cached](#) - [Similar pages](#)

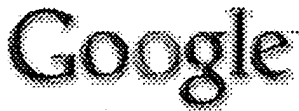
GIS, CAD, and mapping daily news provided by Spatial News

... Autodesk **Map Series** consists of the following **components**: \* Autodesk **Map**

5-Autodesk's leading ... The **Map Series** addresses a number of **customer** segments ...

[spatialnews.geocomm.com/features/mapseries5/qa.html](http://spatialnews.geocomm.com/features/mapseries5/qa.html) - 36k - [Cached](#) - [Similar pages](#)




[Web](#) [Images](#) [Groups](#) [News](#) [Froogle](#) [Local](#) [more »](#)


[Advanced Search](#)  
[Preferences](#)

## Web

 Results 1 - 10 of about 910 for "**mapping table "network component "customer**" . (0.29 seconds)

### Inside Microsoft Proxy Server

... this site, the **network**. power search help ... The **mapping table** is sent to the client each time the table is updated. ...  
[www.windowsitlibrary.com/Content/121/13/2.html](http://www.windowsitlibrary.com/Content/121/13/2.html) - 38k - [Cached](#) - [Similar pages](#)

### Sponsored Links

#### Map Your Network Now

Create a map of your entire **network** automatically with this free trial.  
[www.neon.com](http://www.neon.com)

### How NAT Works

... translation and the entry made into the **mapping table** for Client A: ... in the NAT **Mapping Table**, finds the corresponding address of a private **network** ...  
[www.microsoft.com/Resources/Documentation/windowsserv/2003/all/techref/en-us/W2K3TR\\_nat\\_how.asp](http://www.microsoft.com/Resources/Documentation/windowsserv/2003/all/techref/en-us/W2K3TR_nat_how.asp) - 88k - [Cached](#) - [Similar pages](#)

### Implementing Application Roles

... utility found in SQL Server 7.0/2000 (client and server **network** utilities). ... application access to this application role **mapping table** only. ...  
[www.databasejournal.com/features/mssql/article.php/1458711](http://www.databasejournal.com/features/mssql/article.php/1458711) - 48k - [Cached](#) - [Similar pages](#)

### Chapter 13 Planning Messaging Server Security

... real-world tested, ready-to-use, industry-leading **network** services. ... allow mail from your POP and IMAP clients by using an INTERNAL\_IP **mapping table**, ...  
[docs.sun.com/source/819-0063/ms-security.html](http://docs.sun.com/source/819-0063/ms-security.html) - 62k - [Cached](#) - [Similar pages](#)

### ENTITY-MIB DEFINITIONS ::= BEGIN IMPORTS MODULE-IDENTITY, OBJECT ...

... across all re- initializations/reboots of the **network** management system, ... is the **customer**-visible part number, which may be printed on the **component** ...  
[www.paradyne.com/support/downloads/mibs/rfc2737.mib](http://www.paradyne.com/support/downloads/mibs/rfc2737.mib) - 54k - [Cached](#) - [Similar pages](#)

### M MAC (1) For Cryptographic Support, see message authentication ...

... (MIB): (1) A database containing the information pertinent to **network** management. ... of permanent information, such as a file of **customer** addresses. ...  
[as400bks.rochester.ibm.com/html/as400/v4r5/c2924/info/RZAATMST16.HTM](http://as400bks.rochester.ibm.com/html/as400/v4r5/c2924/info/RZAATMST16.HTM) - 93k - [Cached](#) - [Similar pages](#)

### Software Download: Ip Routing

... It works by routing the **Customer** questions to the proper Helpdesk Personnel ... Route retrieves the interfaceâ€œtoâ€œIP address **mapping table** and the IP ...  
[www.sharewareconnection.com/titles/ip-routing.htm](http://www.sharewareconnection.com/titles/ip-routing.htm) - 95k - [Cached](#) - [Similar pages](#)

### Software Download: Connections

... Route retrieves the interfaceâ€œtoâ€œIP address **mapping table** and the IP routing table. ... depending upon client, server and **network** capacity). ...  
[www.sharewareconnection.com/titles/connections.htm](http://www.sharewareconnection.com/titles/connections.htm) - 94k - [Cached](#) - [Similar pages](#)

### [PPT] CS 345: Topics in Data Warehousing

File Format: Microsoft Powerpoint 97 - [View as HTML](#)

... Improving performance of one **component** through parallelism can make another ... Construct auxiliary **mapping table** for each descriptive text column ...  
[www.stanford.edu/class/cs345/slides/Lecture13.ppt](http://www.stanford.edu/class/cs345/slides/Lecture13.ppt) - [Similar pages](#)

### 15 Seconds : Using Collections in .NET

... table is a many-to-many relationship implemented through a **mapping table**. ... The same notion of a **customer** may exist within numerous elements of a ...  
[www.15seconds.com/issue/030429.htm](http://www.15seconds.com/issue/030429.htm) - 74k - May 14, 2005 - [Cached](#) - [Similar pages](#)